

ABSTRACT OF THE DISCLOSURE

An all terrain vehicle chemical applicator includes an elongate frame having at least six independent support wheels positioned along opposed sides of the frame. Suspension is provided for each of the support wheels including a support
5 pivotally mounted to the frame. A shock absorber is disposed between each support and the frame to absorb shocks as the supports are forced to adjust to variations in terrain. A chemical applicator mounting platform is pivotally secured to
10 the frame on which are mounted chemical applicators. Telescopic control cylinder are provided to position the chemical applicator mounting platform in an operator selected orientation relative to the terrain. An automatic motion dampening control system is provided for controlling the
15 telescopic control cylinders to automatically reposition the chemical applicator mounting platform to dampen disruptive motions and average surface roughness oscillations that can not be dampened by the suspension.